

WHAT IS CLAIMED IS

1. A connector, comprising:

an insulated housing including a head portion and a rear portion, wherein at least one terminal cavity is formed in the interior of the insulated housing, and at least one terminal cavity penetrates from the head portion to the rear portion;

at least one terminal received in the at least one terminal cavity, the terminal includes a head portion, a plate portion, an elastic portion connecting the head and plate portions and a tail portion extending from the plate portion; and

a terminal protection device fixed at the rear portion of the insulated housing and having at least one terminal slot whose shape corresponds to the tail portion of the at least one terminal for being penetrated by the tail portion of at least one terminal and locked by the plate.

2. The connector in accordance with Claim 1, wherein the terminal protection device is made of a plastic plate.

3. The connector in accordance with Claim 1, wherein the at least one terminal slot is inwardly ladder-shaped, and includes an anterior part, a barb and a posterior part from the side of the terminal protection device facing the rear portion to the other side, and the posterior part is narrower than the anterior part.

4. The connector in accordance with Claim 3, wherein the posterior part is open on both sides.

5. The connector in accordance with Claim 3, wherein the posterior part is covered by a seal layer.

6. The connector in accordance with Claim 1, wherein the surface of the terminal
2 protection device facing the rear portion of the insulated housing is provided with at least one
fixing protuberance for fixing the terminal protection device to the rear portion of the insulated
4 housing.

7. The connector in accordance with Claim 1, wherein the surface of the terminal
2 protection device facing the rear portion of the insulated housing is provided with at least one
positioning protuberance, and at least one positioning slot for being engaged by a corresponding
4 positioning protuberance.

8. The connector in accordance with Claim 1, wherein the surface of the terminal
2 protection device facing the rear portion of the insulated housing is provided with at least one
filling protuberance to fill a notch at the rear portion of the insulated housing, the notch
4 communicating with one of said terminal cavities.